

THE EASTERN IOWA DXer

Eastern Iowa DX Association Newsletter - October 1985

SPECIAL ISSUE

This is the Special Fall Contest Issue of the EIDXA Newsletter. At the September meeting a serious club effort in the CQ WW contest was discussed. The possibility of challenging another club and providing a traveling trophy was also discussed. Since we didn't want to lose our trophy right out of the chute, it was decided that we would give the CQ WW our best shot this year and see how well we could do. As part of this effort, it was decided that a special issue of the newsletter would be published with pertinent contest information and tips. In this issue you will find CQ WW Contest Rules, a sample Log Form for you to duplicate, a Summary Form, Zone Map, Propagation Info, Contest Tips, etc. Our club score has been slipping in the past few years and it isn't all due to low sun spots. Give it a shot! It's fun and every effort helps the club score grow.

ELECTIONS

For those who could not make the September meeting, the new EIDXA officers for 85/86 are:

President - KØVZR

Vice President / Editor - WØVX

Secretary / Treasurer - KØGT

MEMBER LIST

Enclosed in this issue is what I think is a current updated membership list. Please check your listing to see that it is correct. If you find errors or incomplete information let me know ASAP and I will fix it.

A KEEPER

The EIDXA Membership list and the CQ Zone map are printed back to back in this issue. This was not blind luck! It was designed as a pull out that you can put in the back of your log. Now you will know who that new guy is on the repeater and that India is in Zone 22!

JANUARY NEWSLETTER

The deadline for inputs to the January issue of the EIDXA will be January 1. This will permit time to get it out to all members 2 weeks before the January meeting. Any and all individual, station, contest, or DX related inputs are welcome and will be used. This year DX newsletter and it will be as good as you help make it!

DX NET

Remember the EIDXA Net meets each Sunday evening at 9:30 PM local time on the 145.19 repeater. The purpose of the net is to share DX and Contest information with the rest of the members. Real time DX information may just help you get to the Honor Roll. Join us and while you're at it, bring along some info to share.

PRIPILOFS

Here is the full text of the ARRL press release on the Pribilof Islands dated 18 September 1985.

"The ARRL Awards Committee met on September 17 to consider the country status of the Pribilof Islands. The matter was referred to the Awards Committee by the DX Advisory Committee which had recommended addition to the list by a 9 to 7 vote. After many hours of studying the voluminous documentation and two hours of in-person deliberation, the Awards Committee unanimously voted (7 - 0) that the Pribilof Islands NOT be added to the DXCC Countries List.

"In reviewing Rule 2(a) of the Countries List Criteria, the Awards Committee concluded that the first sentence was operative in making measurements: 'Islands situated off shore from their governing area must be geographically separated by a minimum of 225 miles of open water.' Since the Aleutian Islands are indeed a part of the 'governing area' of Alaska, and since the Pribilofs are less than 225 miles from the Aleutians, the Committee failed to see how they would qualify for separate status. The Committee further determined, through examination of precedent and evolution of the wording of the criteria over some 40 years of DXCC, that the 'mainland' reference in 2(a) only pertains to what situations the rule applies.

"The Awards Committee meeting was chaired by Technical Department Manager Charles Hutchinson, K8CH, upon request of the Committee Chairman John Lindholm, W1XX. Lindholm had authored the staff white paper requested by the DXAC as to the history of DXCC Countries List Criteria 2(a) interpretations. This 26-page document had concluded that the Pribilofs do not qualify under the existing criteria. So as to not prejudice the Pribilofs from being given every consideration, Lindholm also excused himself from the voting, in favor of an alternate. DXCC Manager Donald Search, W3AZD, did not vote as prescribed by committee rules."

RBBB

The WØMJK RBBB is alive and well on 147.45 MHz. The RBBB runs 110 ASCII and can be accessed by sending 'WØMJK <CR>' to start the machine. Among other things, the RBBB has the latest ARRL Bulletins including the weekly DX and Propagation Forecast Bulletins available for the asking. Check it for the latest DX and propagation information before the contest.

DUES

Your dues for the 85/86 DX year are due NOW. If you did not pay up at the September meeting, please send your \$4.00 to KØGT. Dues must be paid by the January meeting or you will be dropped from the club rolls. Support your DX club, don't make your club support you!

DX OPINION - de W0VX

An editorial page will be a regular feature of our newsletter for this season. My hope is that the editorials will get you thinking (but not upset) about various topics concerning DX, Contesting, or club activities. Differing opinions and guest editorials are most welcome and will be printed.

CONTESTING

One topic that immediately comes to mind in this special contest issue is the issue of EIDX contest participation. Quite a few months back we all agreed to drop the mandatory 2 contest per year participation requirement from our constitution. The reasons given were many and varied but the general opinion was that dropping the requirement would not hurt the club scores.

Well, club aggregate scores are down and it isn't just low sunspots that are causing it. The members who were getting in two contests a year and making a few hundred QSOs for the club effort (the editor included) aren't doing it any more. Were we just kidding ourselves? Did we really suspect all along that the club scores would be hurt by the constitution change? Are we no longer interested in a dual purpose DX and Contest club? This contest season could tell the story.

We are undertaking a major effort to boost club contest participation and scoring in this year's CQ WW. There is no reason why we can't directly compete with most of the DX/Contest clubs in the midwest. A traveling trophy challenge to one of these clubs would be fun and would help build club spirit, but we can't do it with apathy. Now is the time to put our 'money' where our mouth is and make some points for the club.

CLUB MEETINGS

Have you noticed that the club business meetings are getting a bit long? Well, we do have a lot of administrative business to conduct now that we have 52 members. And, it is only 4 times a year that we get together to take care of all the important issues before the club. Besides, DXers are opinionated (especially the editor) and need to be given a chance to speak their mind. So isn't it reasonable to spend between 1 1/2 and 2 1/2 hours on business?

In my opinion the answers to these questions are yes and no; yes the business meeting is long and no it isn't reasonable. Don't get me wrong, we do have business items to discuss and resolve but I don't think they should take twice as long as the program. For many of the members the fun of the meeting is in getting to participate in an interesting program and to visit with fellow DXers. Heading for the Pizza place to visit and have a snack at 11:00 P.M. is a bit late, especially for our out of town members.

So how do we get the business and the program and the visiting done in a reasonable time? A possible solution is to start the meetings promptly at 7:30 and move things along so as to hold the business portion to 1 hour. This can be done by utilizing committees to discuss and propose

resolutions to our business issues. Those members who feel strongly about an issue could serve on the committee and make their feelings known. Committee recommendations would be presented at the meeting for vote of the membership. Even the US Congress (which is not to be confused with an efficient organization) makes extensive use of committees to study and resolve major issues facing our country. If it is good enough for Congress, it ought to be good enough for the EIDX.

What do you think?

BEACONS

The Northern California DX Foundation sponsors 20 meter beacon stations around the world. All stations are on 14.100 MHz and transmit in predetermined 1 minute time slots of each 10 minute period. Stations, in order of transmission, are: 4U1UN/B, W6WX/B, KH6D/B, JA21GY/B, 4X6TU/B, OH2B, CT3B, ZS6DN/B, and LU4AA. HK4LR/B will be on soon and will fill the tenth time slot. All stations ID at 100 watts and then send a long dash at 100, 10, 1, and 0.1 watts followed by another ID at 100 watts.

The MCDXF beacon system is an excellent way of getting real time propagation data on the 20 meter band. Try it! You may find some openings that you didn't know existed.

WWV

While we are on the subject of propagation, don't forget that WWV transmits propagation information at 18 minutes after the hour. Just after the 18 minute time announcement, WWV gives solar flux and A index for the previous UTC day, Boulder K index (updated every 3 hours), the state of solar activity and the earth's magnetic field for the past 24 hours and a prediction of solar factors and the earth's magnetic field for the next 24 hours.

An excellent explanation of all these factors is contained in CQ Publishing's "The Shortwave Propagation Handbook" by Jacobs, W3ASK and Cohen, N4XX. Since time may be a bit short to buy the book and read it in time for the contest, I'll cover a few of the basics. Solar flux is never less than 66 which equates to a quiet sun with no sunspots. The higher the solar flux, the higher the sunspot number and the higher the maximum useable frequency for a given propagation path.

A and K indices are indications of the geomagnetic field and are related. The A index (0 - 400) is a 24 hour figure of the activity of the earth's magnetic field. An A index of 10 or lower indicates a quiet field and generally the best propagation possible for a given solar activity. The K index (0 - 9) is a 3 hour indicator of geomagnetic activity. K index of 0 or 1 indicates quiet conditions, 1 to 3 indicates unsettled and above 4 means active. High A and K indices generally mean that propagation through and near the auroral zones will be difficult on HF.



THE CQ WORLD WIDE CONTEST



BY TOM LINDGREN W0WP

Without political exclusions, the CQ World Wide Amateur Radio Contest is truly an international handshaking event like none other. The participants need not be finely tuned athletes or multi-millionaire bankers to participate. They can be factory workers, high school youngsters, retired gentleman, or a mother of 5 escaping the demands of motherhood for a couple of interesting hours in the Old Man's radio room. From the Yukon to Bombay, the Azores to Tasmania, or Eastern Iowa to the Ukraine, amateur radio operators are keenly set to participate in an event that has become the hobbies most coveted HF event.

Different goals are set by the individuals participating; one may find an elderly statesman of amateur radio scanning the bands looking for as many countries or CQ zones he can contact, you may have a group of individuals combining their efforts in a multi-operator category trying to make the best score possible for given band conditions, or a young college student guest operating a super station hoping to finish the contest in the 'top ten'. The high goal achievers know that proper preparation and good operating strategy go hand-in-hand to produce winning results.

Preparation for a competitive effort requires many things. Of course preparing the station for the weekends' event is very important. A clean neat and comfortable operating position is vital to help endure the many hours there. Band switching, antenna rotating, and amplifier tuning should be made as convenient as possible. Shortcuts like premarking antenna tuners and PA tuning knob positions with masking tape are very helpful to take the drudgery out of band changings. Setting up a card table next to the operating position with extra log sheets, dupe sheets, and pencils can be worthwhile. Having beam heading charts, a world map with the CQ Zones clearly marked, and a Dwers Edge gray line indicator are all useful tools for contesting. Even a list of current DXpeditions occurring during the contest weekend can reap rewards.

Equipment care is important. Proper ventilation for the transmitting equipment under high duty cycle may require an extra cooling fan. Keeping the VSWR as low as possible with an antenna tuner may be required especially if wire antennas are used. Electronic keyers preprogrammed with "CQ contest" messages can be very helpful. It gives the CW operator time to dopful. It gives the CW operator time to do his paperwork chores which should be kept up to date for proper duping. Good tools for the phone operator include a continuous loop tape with "CQ contest" messages transcribed on it and a headset microphone. Give extra time for logging duties.

A good knowledge of present day band conditions are important. The Soviet Union most probably will not be coming in on ten meters at midnight especially with solar flux levels running in the 60s. Be smart about band openings, it can pay big dividends to your final score. The big boys change bands often and turn their antennas occasionally to catch those extra multipliers. It is usually considered a contesting mistake to find at the end of a contest a missed VK or UN station on 20 meters. I'll say it again, "be smart" in your operating. The CQ contest allows your own zone to be counted as a multiplier which means your nearest neighbor ham counts as a multiplier on 160m as well as 10m. Big things happen as the sun rises and sets. Looking at the forecasting charts in QST magazine show the big changes in MUF an hour or two either side of those times. This is a most important time to look for those narrow long path openings and gray line openings on all bands. Switching bands several times during these periods can put rare multipliers in your log book!

The physical and mental preparation can't be overlooked. If possible, nap a couple of hours before the contest. Maybe sleeping in late the day before is the way best for you but whatever your pleasure make sure you are alert and attentive for the opening bell. Contesting is an endurance and strategy test rolled into one. The seasoned veteran knows that operators that hang-in there the longest are most likely to be near the top when the contest is over. Eat properly and have a general plan formulated for your rest-times. Generally I have found that the periods between 2AM and 5AM are the most unproductive times, especially the second night. Often the second day's afternoon is real slow also. In addition to a good meal and a snooze try a cool shower during the contest. It can really perk-you-up when it seems there is no way you'll be able to meet your personal goals. Try to operate the weekend before and get a feel for band conditions. It might be that extra band knowledge that will make the difference for you.

The paper work duties are an important consideration. Good organization can save time and give you a clear idea of what band requires more time resulting in better QSO and multiplier totals. I have found that manilla folders for each band with dupe sheets pasted inside and clearly marked for each band work best for me. I have a check sheet for the countries and zones I worked marked on the edge of the paper so I can conveniently glance and see which zones and easy countries I need to work on. This is especially useful the second day of the test when you still need a VK or ZL on 15 or 20 meters. It keeps you from overlooking the obvious multiplier. The CQ contest requires separate logs for each band which is conveniently handled by slipping the logs into the appropriate dupe sheet folder.

This years' contest condition are going to be tough but challenging. What ever you decide to do in the CQ World Wide, remember this is really a terrific opportunity to participate in a premier global event!

MEMBER HAPPENINGS

Look for big noises from Muscatine. KJON, ABON, and K0IIR are planning to put Muscatine on the map in the CQ WW ... W0SMI is moving from Marion to CR. He should have the steel tree back up in the spring ... KBPR has his shack back together and we hope to hear him in the CQ WW SSB test ... Art Goddard, W6XD (ex W0M0Q), a charter member of the EIDIA, is alive and well in Costa Mesa, CA. Art is using inverted VEEs at 50 feet. He can run JAs on 40 and 80 from his place! Don't be surprised if he blows you away in a contest pile on 40 ... W0EJ finally has a new thrust bearing on his tower and can now turn the antennas again ... KAJGH has some new aluminum up and is selling his old TH6-DXX. See Glen for an antenna deal! ... W0IZ has a new 2 meter beam at the top of his tower. Dale is still looking for his first European on 2 meter SSB ... K0GVB has a new 100 foot TALL tower in West Branch. He is all ready for the contest! ... MOVX has three new 80 / 40 meter slopers pointed NE, SE, and West ... Congratulations to KC0Q who was recently promoted to engineering supervisor.

ARRL DX BULLETIN

HR DX BULLETIN NR 40 FROM ARRL HEADQUARTERS
NEWINGTON CT OCTOBER 11, 1985
TO ALL RADIO AMATEURS BY

THANKS TO K3FN, KB1BE AND THE CONNECTICUT DX ASSOCIATION FOR THE FOLLOWING DX INFORMATION.

RHODES. SV0DV/5 IS ACTIVE FROM RHODES. HE HAS BEEN WORKED ON 20 METERS AND PROMISES LOW BAND ACTIVITY ESPECIALLY ON 160 METERS.

160 METER EARLY SEASON CATCHES INCLUDE EL2CJ AT 2330Z, ZB2ED AT 2300Z, CT2CB, GU0CIA, AND 0A4ZV ALL AROUND 0430Z AND KN6CC AT 0500Z.

AFRICA. THE COLVINS ARE EXPECTED MOMENTARILY FROM SOUTH AFRICA, SIGNING W6KG/Z56. THEY PLAN TO BE ACTIVE UNTIL THE END OF OCTOBER AND THEN VISIT OTHER SOUTH AFRICAN COUNTRIES. QSL VIA YASME.

WESTERN SANDA. SW1CW WILL BE OPERATED BY ZLIAM OCTOBER 10 THROUGH 12. HE WILL THEN OPERATE A MONTH FROM ZK3AA.

MARCONI MEMORIAL STATION. IYOFM HAS BEEN VERY ACTIVE FOR THE LAST WEEK, ON BOTH CW AND SSB. QSL VIA 14IKM.

ZAIRE. PA0GAN HAS BEEN ACTIVE FROM 905 FOR THE LAST WEEK AND A HALF, MAINLY ON 20, 40 AND 80 METER CW.

LORD HOWE ISLAND. VK9NM/LH IS ACTIVE ALMOST ON A DAILY BASIS ON 40 METERS, USUALLY AROUND 7005 KHZ. QSL TO DJ5CB OR TO BOX 5, LORD HOWE ISLAND.

CHAD. N7DF/TTB RESUMED ACTIVITY ON OCTOBER 7. HE WAS HEARD ON 7007 KHZ, LISTENING ONE UP. HE PROMISES 160 AND 80 METER CW ACTIVITY.

ST. PIERRE. FP5HL IS VERY ACTIVE ON 1831 KHZ FROM 2300Z.

KERGUELEN. FT8YA IS ON 7005 KHZ AROUND 0100 OR 0300Z SHORT PATH, AND AGAIN IN THE MORNINGS OUR TIME AROUND 1300Z AR

CQ WW RULES

A summary of the CQ WW Contest Rules is printed in the "Contest Corral" on page 91 of your October "QST." Full rules are printed in September "CQ" pages 53 and 54. This year all logs, SSB and CW, are to be sent to CQ Magazine, 76 North Broadway, Hicksville, NY 11801. Do not send logs to N6AR or K3EST. Do not miss the mailing deadlines.

PROPAGATION FORECAST

PROPAGATION FORECAST BULLETIN NR 40 FROM ARRL HEADQUARTERS,
NEWINGTON, CT OCTOBER 7, 1985
TO ALL RADIO AMATEURS BY

THE SOLAR FLUX HAS BEEN 70 OR LOWER SINCE SEPTEMBER 6. THE OCTOBER 6 READING OF 66 TIES THE CYCLE 21 RECORD LOW. THUS WE ENTER WHAT IS NORMALLY KNOWN AS THE PRIME DX SEASON WITH SOLAR ACTIVITY SO LOW THAT EVEN 14 MHZ IS BORDERLINE TERRITORY. WHAT LITTLE DX THERE IS ON 21 MHZ IS MOSTLY NORTH SOUTH IN CHARACTER, AND EVEN THIS IS RARELY HEARD ON 24 OR 28 MHZ.

PROSPECTS FOR MAJOR IMPROVEMENTS ARE NOT BRIGHT. THE FEW ACTIVE AREAS ON THE SUN IN SEPTEMBER SHOULD BE SHOWING UP THIS WEEK. EVEN A SMALL RISE IN THE SOLAR FLUX WOULD MAKE A PERCEPTIBLE IMPROVEMENT IN 21 MHZ PROPAGATION AND BRING AT LEAST SOME NORTH SOUTH POTENTIAL BACK TO 24 AND 28 MHZ. FLUX NUMBERS IN THE HIGH 70S WOULD HELP A LOT THIS TIME OF YEAR, BUT THERE IS NO BASIS IN SIGHT FOR PREDICTING THIS MUCH IMPROVEMENT.

A LESS ATTRACTIVE PREDICTION MAKES MORE SENSE. THIS SEPTEMBER WAS A TIME OF HIGH GEOMAGNETIC ACTIVITY, A DEGRADING FACTOR LIKELY TO BE WITH US AGAIN OCTOBER 10 THROUGH 19. WE WERE ENTERING A PERIOD OF RELATIVE QUIET AT BULLETIN TIME, AND THIS COULD LAST THROUGH ABOUT OCTOBER 9. ERRATIC AND FREQUENT UPS AND DOWNS OBSERVED SEPTEMBER 13 THROUGH 18 ARE LIKELY TO RETURN ABOUT OCTOBER 11 THROUGH 19. LATE OCTOBER LOOKS SOMEWHAT BETTER THAN THE FIRST HALF, WITH THE 27TH THROUGH THE 29TH PROBABLY THE BEST OF THE FALL SEASON TO DATE, BUT IMPROVEMENTS IF ANY WILL BE MAINLY ON 14 MHZ AND LOWER BANDS.

THERE CAN BE BURSTS OF HIGH SOLAR ACTIVITY IN THE LATE YEARS OF THE SOLAR CYCLE. ANY TANGIBLE EVIDENCE OF THIS IN PROSPECT WILL BE REPORTED IN SPECIAL BULLETINS.

AMERICAN SUNSPOT NUMBERS FOR SEPTEMBER 26 THROUGH OCTOBER 2 WERE BETWEEN 0 AND 3 WITH A MEAN OF 0.4 AR

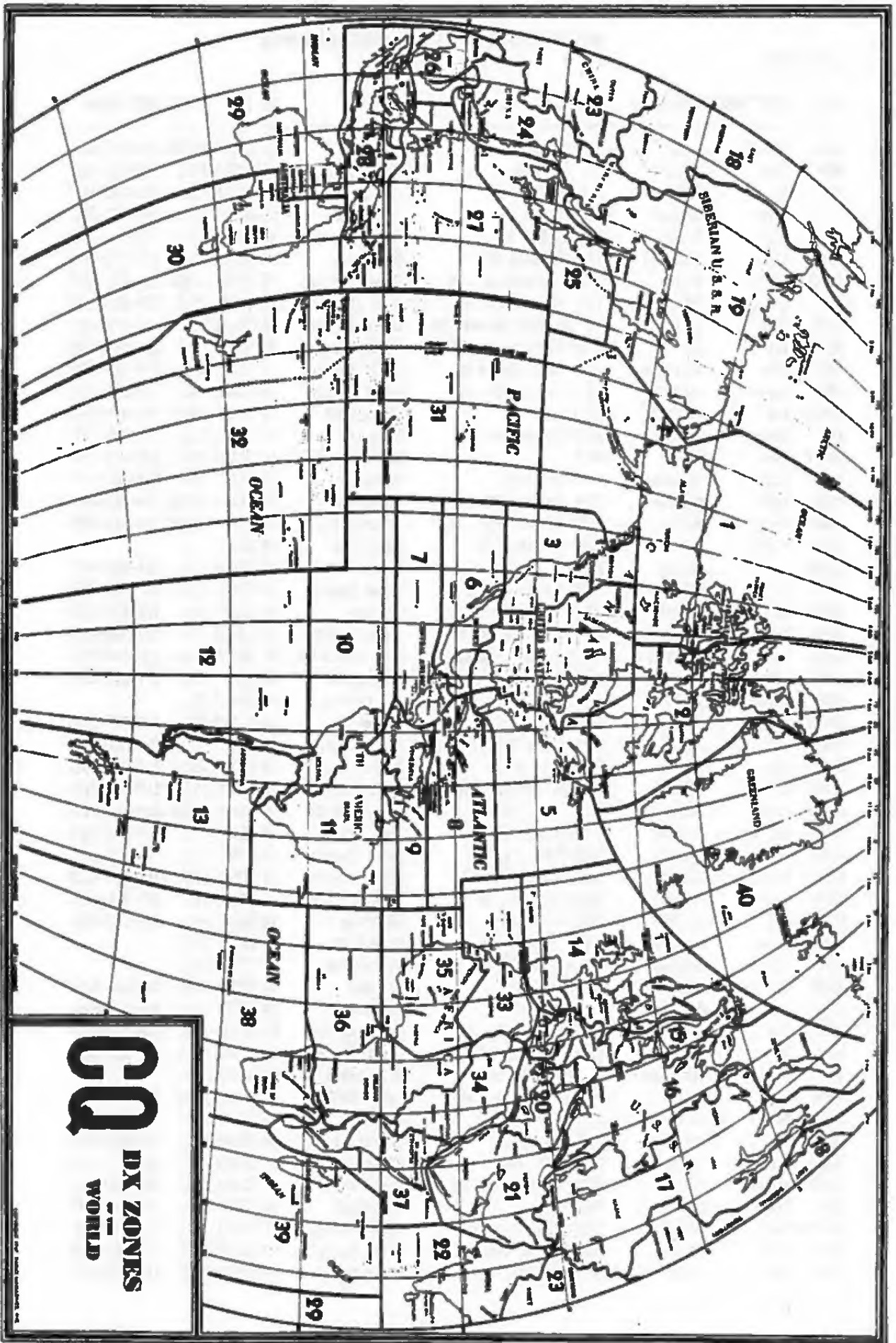
NEWSLETTER COSTS

This issue of the newsletter was held to 5 sheets of paper so that we would stay under 1 ounce for postage reasons. The editor has tried to cram as much as possible into the space available. Even so, it cost the club about \$40.00 (the low bid) for printing (540 pages) and about \$10.00 for postage. That works out to roughly \$1.00 per member. Four newsletters per year will pretty much eat up your \$4.00 dues. If we don't find a less expensive way to reproduce the newsletter, we must either think about shorter issues or an increase in dues. Anybody have an inexpensive source for printing?

10-14-1985

EIDXA MEMBERS

CALL	FIRST NAME	LAST NAME	ADDRESS	CITY	ST	ZIP	STATU	HOME PHONE
KUBA	Nelson	Moyer	28 Ealing Dr.	Iowa City	IA	52240	ASSOC	319-351-8775
NDAFL	Dave	Holcomb	609 6th Ave	Coralville	IA	52241	FULL	319-351-4380
KDOL	Al	Culbert	618 First Ave	Charles City	IA	50616	FULL	515-228-1443
WDAAML	Terry	Cullen	511 Park	Ainsworth	IA	52201	FULL	319-657-3681
MYBB	Joe	Visalli	Rt. 2, Box 4	Parkersburg	IA	50665	FULL	319-346-2220
KZBC	Jia	Bohnsack	1169 Rainbow Dr.	Waterloo	IA	50701	FULL	319-233-7189
KADCEH	Steve	White	380 Brentwood Dr. NE	Cedar Rapids	IA	52402	ASSOC	319-377-4892
KOCF	Craig	Fastenow	1207 Wyld Green Rd.	Iowa City	IA	52240	FULL	319-351-8258
KJBD	Eric	Santon	947 Belmont Parkway NW	Cedar Rapids	IA	52405	FULL	319-396-0073
WDEAN	Bob	Joy	5750 Country Lane NE	Cedar Rapids	IA	52401	FULL	319-393-6342
WDEJ	Wade	Walstrom	7431 Macon Drive NE	Cedar Rapids	IA	52401	FULL	319-393-8982
WFO	Gayle	Lawson	1509 Oakland Rd. NE	Cedar Rapids	IA	52402	FULL	319-364-6284
KBBFP	Tom	Melichar	RR 1	Shell Rock	IA	50670	ASSOC	319-885-4803
KOST	Gary	Toomasen	1056 Eisenhower Rd.	Hiamatha	IA	52233	FULL	319-395-9329
KGBVB	Gary	Ernst	RR 2	West Branch	IA	52358	FULL	319-643-2287
KJWH	John	Schwandke	1515 Lucas St.	Muscataine	IA	52761	FULL	319-263-5645
NBBH	Jack	Muckler	2084 Eastern Blvd. SE	Cedar Rapids	IA	52403	ASSOC	319-362-3462
KDBHY	Terry	Becker	5538 Miller Creek Road	LaPorte City	IA	50707	ASSOC	319-342-3524
KOIR	Clark	Pantel	1610 Hershey Ave.	Muscataine	IA	52761	FULL	
KOINR	Tom	Taylor	RR 1	Shell Rock	IA	50670	FULL	319-885-4400
WOTZ	Dale	Repp	1618 Texas Ave. NE	Cedar Rapids	IA	52402	FULL	319-393-6724
KJGH	Glen	Kesseiring	RR 47 Box 160	Ottumwa	IA	52501	FULL	515-934-5320
NBOW	Keith	Erickson	1810 Hillside Dr. NW	Cedar Rapids	IA	52405	FULL	319-396-8510
KOLUZ	Gary	Letchford	617 Greenbriar Blvd.	Alta Monte Spr.	FL	32714	FULL	305-869-7338
ABOW	Vern	Lang	110 E. 2nd St.	Muscataine	IA	52761	FULL	319-263-2697
AKOW	Steve	Sutterer	6 Priugarden Ct.	St. Peters	MO	50613	FULL	
WONJN	Joe	Finkstein	2501 27th Ave.	Marion	IA	52302	FULL	319-377-6573
W4NIN	Bob	Hill	2510 White Eagle Trail SE	Cedar Rapids	IA	52403	FULL	319-366-3975
NCOD	Tom	Hise	2000 17th Ave.	Marion	IA	52302	ASSOC	319-377-3536
AKOP	Gene	Ellis	2105 Bittersweet Rd.	Marshalltown	IA	50158	FULL	515-752-2196
WAPLS	Fred	Young	RR 4 Box 150	Cedar Rapids	IA	52401	ASSOC	319-393-0429
WOPPF	George	Carsner	411 Terrace Rd.	Iowa City	IA	52240	FULL	319-338-1601
KBOPR	Larry	Jemison	3805 Pine Tree Dr.	Cedar Rapids	IA	52402	FULL	319 393-2663
KCBQ	Jeff	Russell	2125 Linmar Dr. NE	Cedar Rapids	IA	52402	FULL	319-363-4139
KDBQ	Glenn	Thorne	1210 18th St. SW	Cedar Rapids	IA	52404	FULL	319-366-0285
KKOR	Bob	Tillman	1257 Deloris Dr.	Waterloo	IA	50701	FULL	319-232-8223
W4RR	Roger	Hoffman	1006 Locust Drive	Rock Falls	IL	61071	FULL	
KORW	John	Lenahan	923 W. 9th St.	Burlington	IA	52601	FULL	
NOSN	Steve	Miller	129 Ottumwa	Ottumwa	IA	52501	FULL	515-684-4753
WOSHL	Doug	Byal	2835 18th Ave.	Marion	IA	52302	FULL	319-377-8963
WOSR	Jia	Spencer	3712 Tanager Dr. NE	Cedar Rapids	IA	52402	FULL	319-393-7353
WOUZ	John	Nelson	3109 Terry Dr. SE	Cedar Rapids	IA	52403	FULL	319-365-4432
KBOV	Matt	Dickinson	541 Kimberly Dr.	St. Peters	MO	63376	FULL	
KOVN	Al	Groff	1446 Council St. NE	Cedar Rapids	IA	52402	ASSOC	319-393-8134
WOVX	Dave	Jaksa	2721 28th Ave.	Marion	IA	52302	FULL	319-377-7507
KOVZR	Tom	White	1244 4th St.	Jessup	IA	50648	FULL	319-827-6738
WONP	Tom	Lindgren	1260 13th Ave.	Marion	IA	52302	FULL	319-377-4279
KCDXK	Brian	Joy	5750 Country Lane NE	Cedar Rapids	IA	52401	FULL	319-393-6342
KEDY	Tom	Krauer	905 LeRoy	Muscataine	IA	52761	FULL	319-264-3259
W9YZN	Tom	Vinson	10211 Hall Road NE	Cedar Rapids	IA	52401	FULL	319-393-8087
AGBZ	Bill	Delaney	2818 Garden Ave.	Cedar Falls	IA	50613	FULL	319-277-5150
KF8Z	Jan	Clute	209 Fifth Ave. N	Mount Vernon	IA	52314	FULL	319-895-6435





 Pages

MHz Band

[illegible]

Zone	Countries	Points
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TOTALS THIS PAGE

Year



World Wide DX Contest

Last Full Weekend of October (Phone) & November (CW)



Call Sign

Country

Mode:

☐ Phone☐ Single Op., All Band☐ Multi-Op. Single Transmitter☐ QRPp [5W or Less]☐ CW☐ Single Op. ____ MHz☐ Multi-Op. Multi-Transmitter

QSO's (minus duplicates)	QSO Points	Zone Multiplier	Country Multiplier	Score
1.8 MHz		X	+	1.8 MHz
3.5 MHz		X	+	3.5 MHz
7.0 MHz		X	+	7.0 MHz
14 MHz		X	+	14 MHz
21 MHz		X	+	21 MHz
28 MHz		X	+	28 MHz
All Bands		X	+	All Bands

How to score: QSO Points \times (Zones + Countries) = FINAL SCOREEXAMPLE: 1000 QSO Points \times (30 Zones + 70 Countries) = 100,000 points

Station Description: _____

Antenna(s) _____

Operators _____

Remarks (Biggest thrill in Contest, funniest story, comments, etc.) _____

Club Competition / Minimum 3 logs EASTERN IOWA DX ASSOCIATION

This is to certify that in this contest I have operated my transmitter
within the limitations of my license and have observed fully the
rules and regulations of the contest.

TYPE or PRINT

Signature _____

Name _____

Call _____

Address _____

City _____

State or Country _____

Zip _____

Logs must be postmarked no later than December 1st for PHONE
and January 15th for CW. Indicate PHONE or CW on envelope.

Mail all logs to the appropriate addresses indicated in the
current contest rules. Do not mail logs to CQ Headquarters.

FROM THE PRESIDENT

Attention Contesters and Soon-To-Be-Contesters:

This is a special edition of the newsletter to promote activity in the contest season that is coming. As a club, we're trying to see what we can do. To this, we need activity reported from every member. Some of us will sit down at the beginning, and get up at the end, and live on coffee in between. You don't need a pep talk. I applaud you.

A lot of us will have reasons, good ones, for not being involved 100%. To you, I make the following suggestions:

1. Contest work can be good country gatherers - work to find new ones.
2. Contests, especially phone, help your low band country and zone count. 5 Band DXCC will seem more realistic after a good boost from a contest.
3. Club scores from contests are made in pieces, big and little. Work at least more than last year. Set a personal goal. Be sure it's realistic, but not too easy to reach.
4. Examine your reasons for not operating. Are they reasons or excuses? Help the club!
5. Be sure to report your score. Do the paper work right away. Don't wait - it'll never get in. Seek advice as you need it.

I hope that the season will bring you back to life after a very quiet summer. I wish you all the best of luck to go with the skill that's already been proven.

On a separate note, I'm putting out a call for programs. Examine your own activities and skills. It would be nice to have a bank of future programs. So you have unique sources and contacts that could be used?

I received a newsletter from Steve, AKOM with the Mississippi Valley DX/Contest Club. The St. Louis area will be more active in the future. Steve is still barefoot, but plans for better antennas are in the works.

Best of luck this season. I'll be listening for the coming migration to the shacks.

73 es Bud DX
Tom KOVZR

CONTRIBUTORS

Many thanks to KOST, WOIZ, WOSR, KOVZR, WOMP, and KFOZ for their inputs and contributions to this special contest issue. Remember, the deadline for the January issue is January 1, 1986.

FROM ARRL LETTER - September 30, 1985

The following excerpts are from the 11 page FCC Memorandum Opinion and Order in PRB-1 granting ARRL's request for limited Federal preemption over state and local regulations involving Amateur Radio facilities. In filing its request, the League had acknowledged the need for local authorities to regulate Amateur Radio facilities to the degree necessary to insure the safety and health of community residents. But, ARRL argued, such regulations must not be so restrictive that they could preclude effective amateur communication.

"State and local regulations that operate to preclude amateur communications in their communities are in direct conflict with federal objectives and must be preempted.

"Conflicts between amateur operators regarding radio antennas and local authorities regarding restrictive ordinances are common. The amateur operator is governed by the regulations contained in Part 97 of our rules...local municipalities or governing bodies frequently enact regulations limiting antennas and their support structures in height and location...for health, safety or aesthetic considerations. These limiting regulations can result in conflict because the effectiveness of the communications...from an amateur station are directly dependent upon the location and the height of the antenna. Amateur operators maintain that they are precluded from operating in certain bands allocated for their use if the height of their antennas is limited by a local ordinance.

"Few matters coming before us present such a clear dichotomy of viewpoint as does the instant issue...cities, counties, local communities and housing associations see an obligation to all of their citizens and try to address their concerns support groups...aligned with the operators are such entities as the Department of Defense, the American Red Cross and local civil defense and emergency organizations who have found in Amateur Radio a pool of skilled radio operators and a readily available backup network...

"Because amateur station communications are only as effective as the antennas employed, antenna height restrictions directly affect the effectiveness of amateur communications. Some amateur antenna configurations require more substantial installations than others if they are to provide the amateur operator with the communications he/she desires to engage in. For example, an antenna array for international communications will differ from an antenna used to contact other amateur operators at shorter distances. We will not, however, specify any particular height limitation below which a local government may not regulate, nor will we suggest the precise language that must be contained in local ordinances, such as mechanisms for exceptions, variances, or conditional use permits. Nevertheless, local regulations which involve placement, screening, or height of antennas based on health, safety or aesthetic considerations must be crafted to accommodate reasonably amateur communications, and to represent the minimum practicable regulation to accomplish the local authority's legitimate purpose."

Jim Spencer
124-115